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LISTING OF CLAIMS

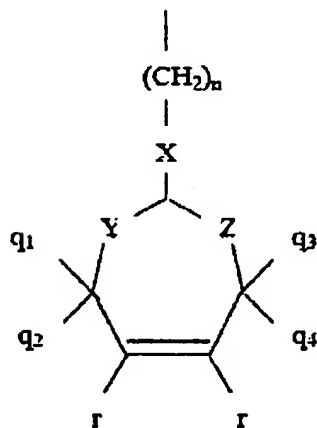
1. (Currently Amended) An oxygen scavenging composition, comprising:
at least one metal catalyzed oxidizable organic compound, and
at least one transition metal carboxylate, wherein the transition metal carboxylate comprises at
~~least one carboxylate group and wherein each carboxylate group comprises between 20 and~~
~~30 carbon atoms, inclusive a behenate or an arachidate.~~
2. (Original) The composition of claim 1, wherein the transition metal carboxylate comprises
manganese, copper, or cobalt.
3. (Original) The composition of claim 1, wherein the transition metal carboxylate comprises
cobalt.
- 4-6 (Canceled)
7. (Currently Amended) The composition of claim 1, wherein the transition metal carboxylate
comprises cobalt behenate.
8. (Original) The composition of claim 1, wherein the transitional metal carboxylate is cobalt
behenate.
9. (Currently Amended) The composition of claim 1, wherein the transition metal carboxylate
comprises cobalt arachidate.
10. (Original) The composition of claim 1, wherein the transitional metal carboxylate is cobalt
arachidate.
11. (Original) The composition of claim 1, wherein the oxidizable organic compound comprises
an unsaturated organic compound.
12. (Original) The composition of claim 1, wherein the oxidizable organic compound comprises
carotene, ascorbic acid, squalene, or dehydrated castor oil.

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13. (Original) The composition of claim 1, wherein the oxidizable organic compound comprises an oxidizable polymer having oxidizable sites.
14. (Original) The composition of claim 13, wherein the oxidizable polymer comprises a polyterpene or a poly(ethylene-alkyl acrylate-benzyl acrylate).
15. (Original) The composition of claim 13, wherein the oxidizable polymer comprises polybutadiene; polyisoprene; poly(limonene); poly(meta-xylenediamine-adipic acid) (MXD6); poly(ethylene-methyl acrylate- benzyl acrylate) (EBZA); poly(ethylene- methyl acrylate-nopol acrylate) (EMNP); ethylene/methyl acrylate/cyclohexenyl methyl acrylate terpolymer (EMCM), poly(cyclohexene methyl methacrylate) (CHMA), or poly(cyclohexene methyl acrylate) (CHAA).
16. (Original) The composition of claim 13, wherein the oxidizable polymer comprises a polymer backbone and at least one cyclic olefinic pendant group having the formula (III):

III



wherein X is a linking group-; wherein n is an integer from 0 to 4, inclusive; Y is $-(CR^1R^2)_a-$, wherein a is 0, 1, or 2; and Z is $-(CR^3R^4)_b-$, wherein b is 0, 1, or 2, provided that a + b is less than or equal to 3; and q_1 , q_2 , q_3 , q_4 , r, each R^1 , each R^2 , each R^3 , and each R^4 are independently selected from hydrogen; linear, branched, cyclic, or polycyclic C_1 - C_{20} alkyl;

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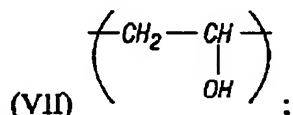
aromatic groups; halogens; amines; or sulfur-containing substituents, provided that at least one of q_1 , q_2 , q_3 , or q_4 is hydrogen.

17. (Original) The composition of claim 16, wherein the backbone is ethylenic.
18. (Original) The composition of claim 16, wherein the oxidizable polymer is poly(ethylene/vinyl cyclohexene) (EVCH).
19. (Original) The composition of claim 16, wherein X comprises:

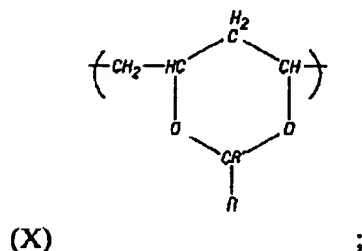
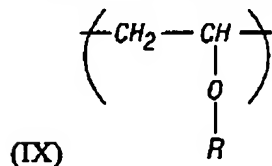
$-O-(CHR^5)_m-$; $-C(=O)-O-(CHR^5)_m-$; $-NH-(CHR^5)_m-$; $-O-C(=O)-(CHR^5)_m-$;
 $-C(=O)-NH-(CHR^5)_m-$; or $-C(=O)-O-CH(OH)-CH_2-O-$;

wherein each R^5 is independently selected from hydrogen, methyl, ethyl, propyl, or butyl; and m is an integer from 0 to 12, inclusive.

20. (Original) The composition of claim 13, wherein the oxidizable polymer comprises, structure VII



and at least one structure comprising structure IX or structure X:



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wherein -R can independently comprise an unsubstituted hydrocarbon moiety comprising at least one alpha hydrogen or a substituted hydrocarbon moiety comprising at least one alpha hydrogen, and R' can independently comprise hydrogen, an unsubstituted hydrocarbon moiety or a substituted hydrocarbon moiety.

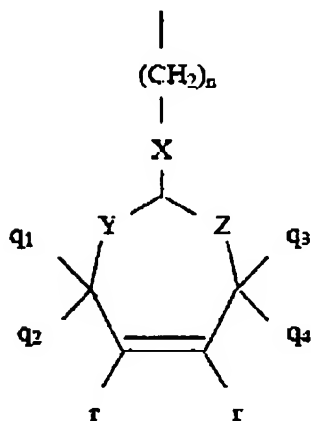
21. (Currently Amended) A packaging article, comprising:
an oxygen scavenging layer comprising (a) at least one metal catalyzed oxidizable organic compound, and (b) at least one transition metal carboxylate, wherein the transition metal carboxylate comprises at least one carboxylate group and wherein each carboxylate group comprises between 20 and 30 carbon atoms, inclusive a behenate or an arachidate.
22. (Original) The packaging article of claim 21, wherein the transition metal carboxylate comprises manganese, copper, or cobalt.
23. (Original) The packaging article of claim 21, wherein the transition metal carboxylate comprises cobalt.
- 24-25 (Canceled)
26. (Original) The packaging article of claim 21, wherein the transitional metal carboxylate is cobalt behenate.
27. (Original) The packaging article of claim 21, wherein the transitional metal carboxylate is cobalt arachidate.
28. (Original) The packaging article of claim 21, wherein the oxidizable organic compound comprises an unsaturated organic compound.
29. (Original) The packaging article of claim 21, wherein the oxidizable organic compound comprises an oxidizable polymer having oxidizable sites.

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30. (Original) The packaging article of claim 29, wherein the oxidizable polymer comprises polybutadiene; polyisoprene; poly(limonene); poly(meta-xylenediamine-adipic acid) (MXD6); poly(ethylene-methyl acrylate- benzyl acrylate) (EBZA); poly(ethylene- methyl acrylate-nopol acrylate) (EMNP); ethylene/methyl acrylate/cyclohexenyl methyl acrylate terpolymer (EMCM), poly(cyclohexene methyl methacrylate) (CHMA), or poly(cyclohexene methyl acrylate) (CHAA).
31. (Currently Amended) The packaging article of claim 29, wherein the oxidizable polymer comprises a polymer backbone and at least one cyclic olefinic pendant group having the formula (III):

III



wherein X is a linking group; wherein n is an integer from 0 to 4, inclusive; Y is $-(CR^1R^2)_a-$, wherein a is 0, 1, or 2; and Z is $-(CR^3R^4)_b-$, wherein b is 0, 1, or 2, provided that a + b is less than or equal to 3; and q_1 , q_2 , q_3 , q_4 , r, each R^1 , each R^2 , each R^3 , and each R^4 are independently selected from hydrogen; linear, branched, cyclic, or polycyclic C_1 - C_{20} alkyl; aromatic groups; halogens; amines; or sulfur-containing substituents, provided that at least one of q_1 , q_2 , q_3 , or q_4 is hydrogen.

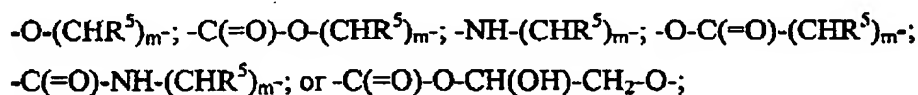
32. (Original) The packaging article of claim 31, wherein the backbone is ethylenic.

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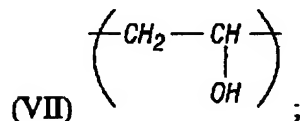
33. (Original) The packaging article of claim 31, wherein the oxidizable polymer comprises poly(ethylene/vinyl cyclohexene) (EVCH), ethylene/methyl acrylate/cyclohexenyl methyl acrylate terpolymer (EMCM), poly(cyclohexene methyl methacrylate) (CHMA), and poly(cyclohexene methyl acrylate) (CHAA).

34. (Original) The packaging article of claim 31, wherein X comprises:

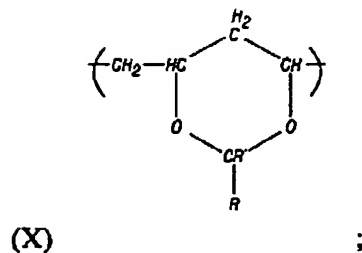
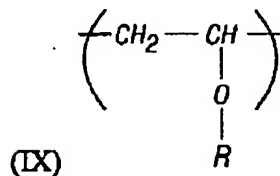


wherein each R^5 is independently selected from hydrogen, methyl, ethyl, propyl, or butyl; n is an integer from 0 to 4, inclusive; and m is an integer from 0 to 12, inclusive.

35. (Original) The packaging article of claim 29, wherein the oxidizable polymer comprises structure VII:



and at least one structure comprising structure LX or structure X:



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wherein -R can independently comprise an unsubstituted hydrocarbon moiety comprising at least one alpha hydrogen or a substituted hydrocarbon moiety comprising at least one alpha hydrogen, and R' can independently comprise hydrogen, an unsubstituted hydrocarbon moiety or a substituted hydrocarbon moiety.

36. (Original) The packaging article of claim 21, further comprising at least one oxygen barrier layer.
37. (Original) The packaging article of claim 36, wherein the oxygen barrier layer comprises at least one polymer comprising poly(ethylene vinyl alcohol) (EVOH), ethylene/vinyl acetate copolymer, ethylene/styrene copolymer, polyacrylonitrile, polyvinyl chloride (PVC), poly(vinylidene dichloride), polyethylene terephthalate (PET), polyethylene naphthalate, or polyamide.
38. (Original) The packaging article of claim 21, wherein the packaging article is in the form of a single layer film, a multilayer film, a single layer semi-rigid article, a multilayer semi-rigid article, a single layer rigid article, or a multilayer rigid article.
39. (Original) The packaging article of claim 21, wherein at least one of a liner, coating, sealant, gasket, adhesive insert, non-adhesive insert, or fibrous mat insert of the packaging article comprises the oxygen scavenging layer.
40. (Original) An oxygen scavenging composition, comprising:
at least one of poly(ethylene/vinyl cyclohexene) (EVCH), ethylene/methyl acrylate/cyclohexenyl methyl acrylate terpolymer (EMCM), poly(cyclohexene methyl methacrylate) (CHMA), or poly(cyclohexene methyl acrylate) (CHAA), and
at least one of cobalt behenate or cobalt arachidate.
41. A packaging article, comprising:
an oxygen scavenging layer comprising (a) at least one metal catalyzed oxidizable polymer, and (b) at least one of cobalt behenate or cobalt arachidate.

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42. (Currently Amended) The packaging article of claim 41, wherein the metal catalyzed oxidizable polymer comprises poly(ethylene/vinyl cyclohexene) (EVCH), ethylene/methyl acrylate/cyclohexenyl methyl acrylate terpolymer (EMCM), poly(cyclohexene methyl methacrylate) (CHMA), and poly(cyclohexene methyl acrylate) (CHAA).
43. (Currently Amended) A packaging article, comprising:
an oxygen scavenging layer comprising at least one metal catalyzed oxidizable organic compound, and
a second layer adjacent to the oxygen scavenging layer comprising at least one transition metal carboxylate, wherein the transition metal carboxylate comprises at least one carboxylate group and wherein each carboxylate group comprises between 20 and 30 carbon atoms, inclusive a behenate or an arachidate.
44. (Original) A packaging article, comprising:
an oxygen scavenging layer comprising at least one metal catalyzed oxidizable organic compound, and
a second layer adjacent to the oxygen scavenging layer comprising at least one of cobalt behenate or cobalt arachidate.